

```
*****
*                               Event handling   in FM ALV                               *
*****
```

REPORT zdemo_alv7.

```
*****
*                               TYPE-POOLS                               *
*****
```

TYPE-POOLS slis.

```
*****
*                               Data types                               *
*****
```

TYPES :BEGIN OF ty_ekko,
 lifnr TYPE lifnr ,
 ebeln TYPE ebeln,
 aedit TYPE erdat,
 pprior TYPE zzpriority,
END OF ty_ekko.

DATA : it_ekko TYPE TABLE OF ty_ekko,
 wa_ekko TYPE ty_ekko,
 it_fieldcat TYPE slis_t_fieldcat_alv,
 wa_fieldcat TYPE slis_fieldcat_alv,
 it_events TYPE slis_t_event,
 wa_events TYPE LINE OF slis_t_event,
 v_lifnr TYPE lifnr.

SELECT-OPTIONS s_lifnr FOR v_lifnr.

```
*****
*                               Constants                               *
*****
```

CONSTANTS c_check TYPE c VALUE 'X'.

* *START-OF-SELECTION* *

START-OF-SELECTION.

```
SELECT ebeln lifnr aedat pprior
      INTO TABLE it_ekko
      FROM ekko
      WHERE lifnr IN s_lifnr
      AND
      pprior <> space.
```

* *Preparing Events* *

```
CLEAR wa_events.
wa_events-name = 'TOP_OF_PAGE'.
wa_events-form = 'PRINT_HEADER'.
APPEND wa_events TO it_events.
```

* *END-OF-SELECTION* *

END-OF-SELECTION.

```
CLEAR wa_fieldcat.
wa_fieldcat-fieldname = 'LIFNR'.
wa_fieldcat-col_pos = 1.
wa_fieldcat-seltext_m = 'Vndr. No.'.
```

```
wa_fieldcat-key = c_check.  
APPEND wa_fieldcat TO it_fieldcat.
```

```
CLEAR wa_fieldcat.  
wa_fieldcat-fieldname = 'AEDAT'.  
wa_fieldcat-col_pos = 2.  
wa_fieldcat-seltext_m = 'Cret. Dt.'.  
APPEND wa_fieldcat TO it_fieldcat.
```

```
CLEAR wa_fieldcat.  
wa_fieldcat-fieldname = 'EBELN'.  
wa_fieldcat-col_pos = 3.  
wa_fieldcat-seltext_m = 'Po. No.'.  
APPEND wa_fieldcat TO it_fieldcat.
```

```
CLEAR wa_fieldcat.  
wa_fieldcat-fieldname = 'PPRIOR'.  
wa_fieldcat-col_pos = 3.  
wa_fieldcat-seltext_m = 'Vndr. No.'.  
APPEND wa_fieldcat TO it_fieldcat.
```

```
*****  
*          REUSE_ALV_GRID_DISPLAY          *  
*****
```

```
CALL FUNCTION 'REUSE_ALV_GRID_DISPLAY'  
EXPORTING  
  i_callback_program = sy-cprog  
  it_fieldcat        = it_fieldcat  
  it_events           = it_events  
TABLES  
  t_outtab           = it_ekko.
```

```
*&-----*  
*&   Form PRINT_HEADER  
*&-----*  
*   text  
*-----*
```

```

FORM print_header.
  DATA : it_list TYPE slis_t_listheader,
          wa_list TYPE LINE OF slis_t_listheader.

  CLEAR wa_list.
  wa_list-typ = 'H'. " HEADER
  wa_list-info = 'List of purchasing doc Header'.
  APPEND wa_list TO it_list.

  CLEAR wa_list.
  wa_list-typ = 'S'. " SELECTION
  wa_list-info = 'List of purchasing doc Selection'.
  APPEND wa_list TO it_list.

  CLEAR wa_list.
  wa_list-typ = 'A'. " ACTION
  wa_list-info = 'List of purchasing doc Action'.
  APPEND wa_list TO it_list.

  CALL FUNCTION 'REUSE_ALV_COMMENTARY_WRITE'
    EXPORTING
      it_list_commentary      = it_list
      I_LOGO                  = 'ENJOYSAP_LOGO'
      * I_END_OF_LIST_GRID    =
      * I_ALV_FORM            =
      .
ENDFORM.                  "PRINT_HEADER

```

List of purchasing doc Header

List of purchasing doc Selection

List of purchasing doc Action



Vndr. No.	Cret. Dt.	Po. No.	Vndr. No.
3000000004	02.11.2000	0000005550	H
3000000005	02.11.2000	0000005550	H
3000000006	02.11.2000	0000003020	M
3000000007	02.11.2000	0000003730	M
3000000008	02.11.2000	0000003910	L
3000000009	02.11.2000	0000003411	L
3000000010	02.11.2000	0000003411	H
3000000011	02.11.2000	0000003730	L